
IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:
Applicant: Francis M. Carlson
Filed:
Title: Methods of Evaluating Undersaturated Coalbed Methane
Reservoirs
TC/A.U:
Examiner:

Assignee: Yates Petroleum Corporation
Attorney Docket: Yates-CDP-US-NProv
Customer No. 33549

DECLARATION FOR PATENT APPLICATION

I, Francis M. Carlson, hereby declare:

- I am a citizen of the United States of America and that my residence and mailing address is 813 Pioneer Avenue, Gillette, Wyoming, 82718.

I believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention now entitled "Methods of Evaluating Undersaturated Coalbed Methane Reservoirs" the specifications of which has been provided to me at or prior to the time of signing this declaration. I have reviewed and understand the contents of this specification as above entitled, including any claims.

I believe I am the original, first, and sole inventor of the subject matter in:

- United States Provisional Application Number 60/451,218 filed February 28, 2003 entitled "Methods to Determine Critical Desorption Pressure in Undersaturated Coalbed Methane Reservoirs and Methods of Coalbed Methane Reservoir Characterization"; and
- United States Provisional Application Number 60/527,130 filed December 5, 2003 Coalbed Methane Reservoir Characterization and Sampling Systems.

I hereby claim the benefit under Title 35, United States Code §119 of United States Provisional Application Number 60/451,218 filed February 28, 2003 and United States Provisional Application

Number 60/527,130 filed December 5, 2003; there are no foreign applications having a filing date before that of the application on which priority is claimed.

I hereby declare that the specification and disclosures herein submitted are intended to include disclosure or claims directed to, individually or in combination: embodiments of the invention which may encompass a device, apparatus, method, process, or business method; embodiments of the invention which may encompass permutations or combinations of any aspects of the invention; any aspect of the invention conceived or developed as separate inventions; and any aspect of the invention independent of any initial context considered as preferred embodiments. I also authorize and support this application for patent protection in the United States, and for similar protection in foreign countries, each to be sought to the extent or breadth any owner desires or deems appropriate. I acknowledge that each of the attorneys and the firm filing this application is/are attorneys for the assignee, Yates Petroleum Corporation, only.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby grant the firm of Santangelo Law Offices, P.C., the power to insert on this Declaration or any other document any further identification which may be necessary or desirable in order to indicate filing information or to comply with the rules of the United States Patent Office or any foreign patent office for recordation of this document, including, but not limited to, inserting the application number, the execution date, mailing information, or the filing date of the above-identified United States Patent Application based upon the Invention.

Francis M. Carlson
Francis M. Carlson

Date of Assignment Signature: 2/27/04
Date of Execution of Application: 2/27/04
(signing the Declaration)

UNITED STATES OF AMERICA)
STATE OF WYOMING)
COUNTY OF CAMPBELL)

SUBSCRIBED AND AFFIRMED OR SWORN to before me in the County of Campbell,
State of Wyoming, United States of America, Francis M. Carlson, this 27th day February, 2004.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public
by the State of Wyoming.

[Signature]

Notary Public

Address: Gillette, WY 82718
(Required)

My Commission Expires: 6-7-04